

CLAIMS

1. An information processing apparatus, comprising:

a first input controller operable to control the input of first data to be multiplexed with content to be broadcast by digital broadcasting;

a first generating unit operable to generate first control information associated with the deletion of said content if said content is received by a receiver and recorded to a storage-type recording medium; and

an inserting unit operable to insert said first control information into said first data.

2. The information processing apparatus according to claim 1, wherein said first control information includes a storable period of time for storing said content.

3. The information processing apparatus according to claim 1, wherein said first control information includes a number of times said content can be reproduced.

4. The information processing apparatus according to claim 1, wherein said first control information includes a number of times said content can be copied.

5. The information processing apparatus according to claim 1, further comprising:

a second generating unit operable to generate second control information associated with the charging for said content on the basis of a number of times said content

can be reproduced if said content has been received by said receiver and recorded to said storage-type recording medium;

wherein said inserting unit inserts said second control information into said first data.

6. The information processing apparatus according to claim 1, further comprising:

a second input controller operable to control the input of video data and audio data to be multiplexed with said content to be broadcast by digital broadcasting; and

a second generating unit operable to generate second data by multiplexing said first data inserted with said first control information with said video data and said audio data.

7. The information processing apparatus according to claim 6, wherein said second data is an MPEG2 (Motion Picture Experts Group 2) transport stream and said first control information is inserted in an ECM (Entitlement Control Message) section of said MPEG2 transport stream.

8. The information processing apparatus according to claim 6, wherein said second data is transmitted in a carousel manner and said first control information is inserted in an adaptation header of a DII (Download Info Indication) packet.

9. The information processing apparatus according to claim 6, wherein said second data is transmitted in a

carousel manner and said first control information is inserted in an expire descriptor of a DII packet.

10. An information processing method, comprising:

controlling the input of data to be multiplexed with content to be broadcast by digital broadcasting;

generating control information associated with the deletion of said content if said content is received by a receiver and recorded to a storage-type recording medium; and

inserting said control information into said data.

11. A recording medium recorded with a computer-readable program for processing information, said program comprising:

controlling the input of data to be multiplexed with content to be broadcast by digital broadcasting;

generating control information associated with the deletion of said content if said content is received by a receiver and recorded to a storage-type recording medium; and

inserting said control information into said data.

12. An information processing apparatus, comprising:

a first acquiring unit operable to acquire a plurality of pieces of content broadcast by digital broadcasting;

a first recording controller operable to control the recording of said plurality of pieces of content;

a second acquiring unit operable to acquire first control information associated with the deletion of content included in said plurality of pieces of content;

a second recording controller operable to control the recording of said first control information;

a selector operable to select, on the basis of said first control information, said content to be deleted from among said plurality of pieces of content; and

a deletion controller operable to control the deletion of said content selected by said selector.

13. The information processing apparatus according to claim 12, wherein said selector, if any of said plurality of pieces of content has been reproduced or copied to another recording medium, selects said content to be deleted from among said plurality of pieces of content.

14. The information processing apparatus according to claim 12, wherein said selector selects, at a predetermined time interval, said content to be deleted from among said plurality of pieces of content.

15. The information processing apparatus according to claim 12, wherein said first control information includes a storable period of time for said content.

16. The information processing apparatus according to claim 12, wherein said first control information includes a number of times said content can be reproduced.

17. The information processing apparatus according to claim 12, wherein said first control information includes a number of times said content can be copied.

18. The information processing apparatus according to claim 12, further comprising:

a third acquiring unit operable to acquire second control information associated with the charging which is set on the basis of a number of times said content can be reproduced included in said content;

a third recording controller operable to control the recording of said second control information; and

a charging unit operable to charge, on the basis of said second control information, the reproduction of said content.

19. An information processing method, comprising:

acquiring a plurality of pieces of content broadcast by digital broadcasting;

controlling the recording of said plurality of pieces of content;

acquiring control information associated with the deletion of content included in said plurality of pieces of content;

controlling the recording of said control information;

selecting, on the basis of said control information, said content to be deleted from among said plurality of pieces of content; and

controlling the deletion of said content selected in said selecting step.

20. A recording medium recorded with a computer-readable program for processing information, said program comprising:

acquiring a plurality of pieces of content broadcast by digital broadcasting;

controlling the recording of said plurality of pieces of content;

acquiring first control information associated with the deletion of content included in said plurality of pieces of content;

controlling the recording of said control information;

selecting, on the basis of said control information, said content to be deleted from among said plurality of pieces of content; and

controlling the deletion of said content selected in said selecting step.